Checking Mountain Soil Moisture Under the Snow, an important factor in snowmelt runoff.

Federal-State Cooperative Snow Surveys and Water Supply Forecasts for

WYOMING

SOIL CONSERVATION SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE
AND
STATE ENGINEER OF WYOMING

Data included in this report were obtained by the agencies named above in cooperation with the U. S. Forest Service, Bureau of Reclamation, National Park Service, and other Federal, State and local organizations.

AS OF

MAY 1, 1956

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

TO RECIPIENTS OF COOPERATIVE SNOW SURVEY
AND WATER SUPPLY FORECAST REPORTS:

Snow surveys in the West are conducted each year at more than 1200 snow courses. Basin and Province or State snow survey reports summarizing the results of the measurements and forecasts of seasonal runoff and water supply are issued by the Soil Conservation Service, U. S. Department of Agriculture and some of its cooperators; the Water Rights Branch of the British Columbia Department of Lands and Forests; and the California Division of Water Resources.

Copies of the various federal-state cooperative snow survey reports listed below may be secured by writing to:

Head, Water Supply Forecasting Section
Soil Conservation Service
209 S. W. 5th Avenue
Portland 4, Oregon

BASIN REPORTS:

Colorado, Rio Grande, and Platte-Arkansas River Basins	Issued monthly February through May by SCS and Colorado Experiment Station, Fort Collins, Colorado.*
Columbia River Basin	Issued monthly January through May by Soil Conservation Service, Boise, Idaho.*
Upper Missouri River Basin	Issued monthly February through May by SCS and Montana Agricultural Experiment Station, Bozeman, Montana.*
West-Wide Water Supply Outlook	Issued April 1 by Soil Conservation Service and Cooperators, Portland, Oregon.

STATE REPORTS:

Arizona	Issued semi-monthly January 15 through April 1 by SCS and Salt River Valley Water Users Association, Phoenix, Arizona.*
Nevada	Issued monthly February through April by SCS and Nevada State Engineer, Reno, Nevada.*
Oregon	Issued monthly January through May by SCS, Portland, Oregon, and Oregon Agricultural Experiment Station.*
Utah	Issued monthly January through May by SCS, Salt Lake City, Utah, and State Engineer of Utah and Utah Agricultural Experiment Station.*
Washington	Issued monthly February through May by SCS, Spokane, Washington, and State Department of Conservation and Development.*
Wyoming	Issued monthly February through May by SCS, Casper, Wyoming, and State Engineer of Wyoming.*

*Special reports are issued as needed.

The British Columbia reports are issued February 1 through June 1 and may be secured from Comptroller, Water Rights Branch, Department of Lands and Forests, Parliament Buildings, Victoria, B.C.

The California reports are issued monthly February 1 through May 1 and may be secured from Division of Water Resources, California Department of Public Works, Sacramento, California.

The annual water supply forecasts of the Weather Bureau are available in monthly bulletins published from January through May. These bulletins entitled, "Water Supply Forecasts for the Western United States" may be obtained from River Forecast Center, Weather Bureau, 712 Federal Office Building, Kansas City 6, Missouri.

FEDERAL-STATE COOPERATIVE

SNOW SURVEYS AND WATER FORECASTS

FOR

WYOMING

Issued
May 1, 1956

Report Prepared
by
George W. Peak
Snow Survey Supervisor

Soil Conservation Service
and
State of Wyoming

345 East 2nd Street
P. O. Box 699
Casper, Wyoming

Issued by

B. H. Hopkins
State Conservationist
Soil Conservation Service

L. C. Bishop
State Engineer of Wyoming
Cheyenne, Wyoming

PRELIMINARY WATER SUPPLY OUTLOOK FOR WYOMING

May 1, 1956

The water supply outlook for Wyoming remains generally the same as that of April 1. Low elevation snow courses have decreased considerably, however, snow surveys in the high areas indicate water contents the same as that of one month ago and on many courses the snow pack has increased.

Storage throughout Wyoming is still below normal -- 30 percent of the 4,500,000 acre-feet of usable capacity and 50 percent of the average for May 1.

SNAKE RIVER BASIN

The estimated flow for the April-September period is up 4 percent from the April 1 forecast. A heavy discharge of 1,190,000 acre-feet of water is expected for Jackson Lake. This is 139 percent of normal and 97 percent of the 1943 runoff.

Reservoir contents are now at 258,500 acre-feet, and will probably be down to 200,000 by June 1, providing storage space of around 600,000 to 650,000 acre-feet for the melting snow. Below Jackson Lake, the full natural stream flow for the season will be 160 percent of the 1938 to 1952 average for Pacific Creek, 143 percent for Buffalo Fork, 153 percent for the Gros Ventre and 145 percent of normal for the Hoback. The seasonal discharge of the Snake River above Palisades is computed at 4,200,000 acre-feet of water, which is 142 percent of normal and 93 percent of the big 1943 runoff.

The Salt River is expected to run 407,000 or 113 percent of normal, which gives a total flow of 4,600,000 acre-feet into Idaho.

GREEN RIVER BASIN

Seasonal stream flow of the Green at Warren Bridge will be 127 percent of normal, 106 percent of normal for the New Fork and an abnormally high seasonal flow of 176 percent of normal for North Piney and its adjacent streams.

The Green at Fontenelle is estimated at 141 percent, and 127 percent at Linwood.

THE NORTH PLATTE BASIN

The snow pack on the North Platte watershed has dropped considerably during the month. Soil moisture is above normal in this area, but the forecast has been reduced to 10 percent above normal for the North Platte at Saratoga. Encampment will come in with a seasonal flow of 115 percent, Medicine Bow River 110 percent, and an estimate of 115 percent of average for the Sweetwater at Alcova.

The Laramie River is expected to run 120 percent at Jelm and 110 percent at Lookout.

THE WIND RIVER AND BIG HORN BASINS

Runoff estimates from melting snow have gone up slightly at Dubois and the Wind River watershed above Riverton, however snow pack accumulation dropped in the southern end of the Wind River range. The forecast of the Wind River at Dubois is for 137 percent of normal, and 119 percent at Riverton. The Popo Agie will come in with an April-September discharge of 107 percent backed up with seasonal flows of 109 percent for the North Fork of the Popo Agie and the Little Popo Agie near Lander.

The total discharge in Boysen will be 117 percent of the 1938-1952 norm and the Big Horn River at Kane is forecasted at 120 percent.

The Shoshone River watershed looks very good with 1,000,000 acre-feet on the watershed which will be 128 percent of normal at Buffalo Bill Reservoir.

The Shell Creek watershed on the west flank of the Big Horns is standing at 110 percent of average.

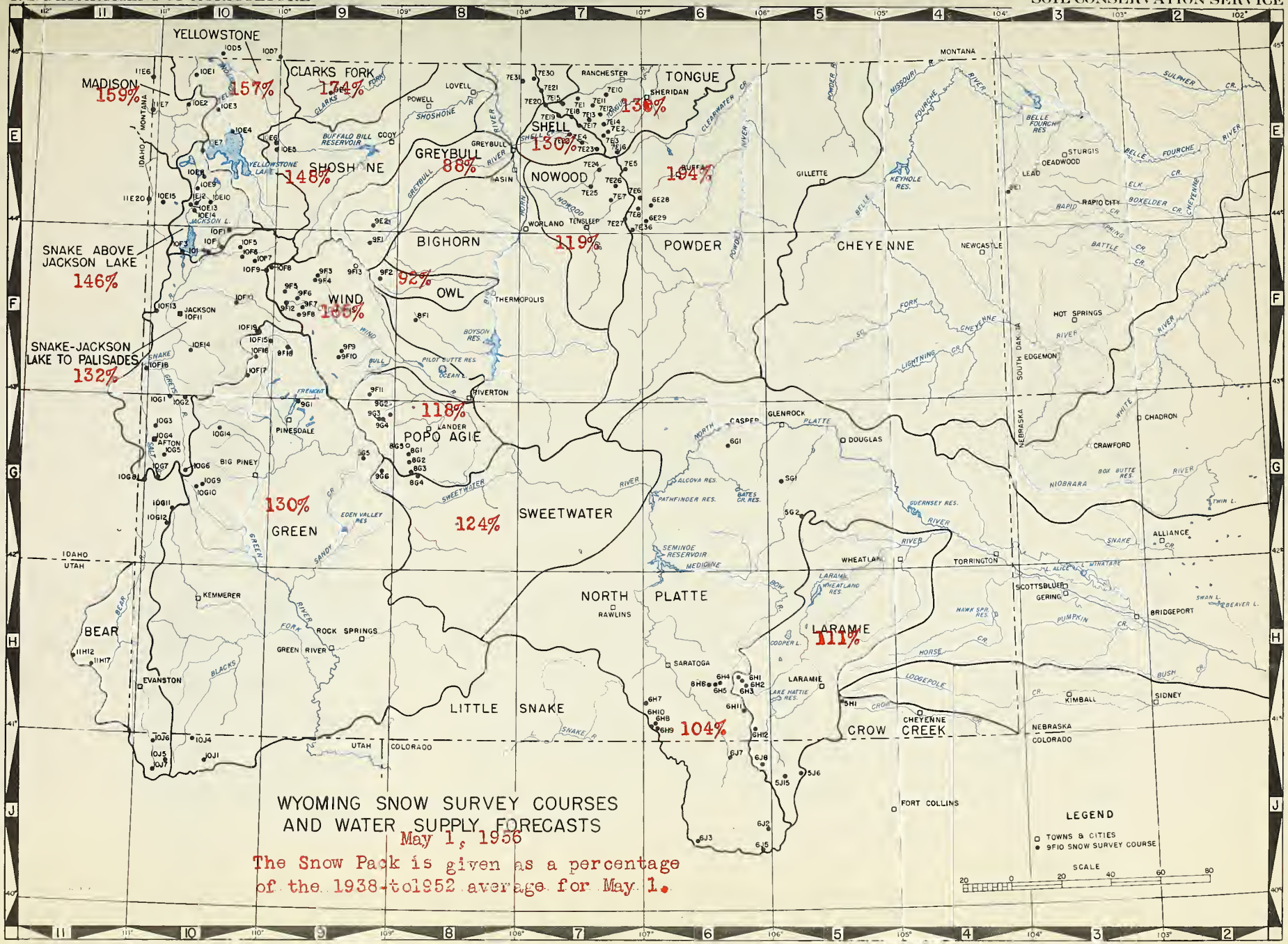
THE BIG HORN MOUNTAINS

Last fall the Soil Conservation Service located an extensive snow course network throughout the Big Horn watershed to supplement the data that was being obtained from the few existing, but widely scattered courses. Three of these old courses have adequate length of records for forecasting the seasonal runoff, but are comparatively low elevation courses, and therefore the data is not now as reliable as it will be with the addition of high elevation snow data. However, a considerable amount of study has been done in order to, as accurately as possible, determine the runoff for this season.

The Tongue River watershed is bracketed by Sour Dough snow course on the southeast and Ranger Creek snow course on the southwest. A careful analysis of these snow pack data and Tongue River runoff records produces a correlation that justifies the following statement.

The April-September runoff at Acme, Wyoming is expected to be 325,000 acre-feet of water, or the equivelant of 136 percent of the 1938-1952 average. Comparatively, this is 10-15 percent greater than the seasonal discharge for the years 1943, 1945, 1946 and 1947, but only 70-80 percent of the heavy discharge of 1944.

At Decker, Montana the runoff for the season is estimated at 140 percent of normal, or close to 330,000 acre-feet of water.


YELLOWSTONE
MADISON
159%
157%
CLARKS FORK
174%
TONGUE
136%
SHELL
130%
GREYBULL
88%
SHOSHONE
148%
NOWOOD
194%
SNAKE ABOVE JACKSON LAKE
146%
BIGHORN
119%
POWDER
CHEYENNE
92%
OWL
WIND
135%
SNAKE-JACKSON LAKE TO PALISADES
132%
118%
POPO AGIE
130%
GREEN
124%
SWEETWATER
NORTH PLATTE
111%
LARAMIE
BEAR
104%
LITTLE SNAKE
CROW CREEK
MONTANA
IDAHO
UTAH
COLORADO
NEBRASKA
SOUTH DAKOTA
WYOMING SNOW SURVEY COURSES
AND WATER SUPPLY FORECASTS
May 1, 1956
The Snow Pack is given as a percentage
of the 1938 to 1952 average for May 1.
LEGEND
TOWNS & CITIES
9F10 SNOW SURVEY COURSE
SCALE

INDEX TO WYOMING SNOW COURSES

Drainage Basin and Course Name	Wyoming Number	Elev.	Sec. Lat.	Twp.	Range Long.	Record Began	Meas. Dates[a]	Meas. By[b]
			LOCATION					
MISSOURI RIVER DRAINAGE								
MADISON RIVER								
Norris Basin	10E2	7500	44°44'		110°42'	1936	3,4	2
21 Mile *m	11E6	7150	1	11S	5E	1934	1,2,3,4,5	6
West Yellowstone *m	11E7	6700	34	13S	5E	1934	1,2,3,4,5	6
YELLOWSTONE								
Canyon	10E3	7750	44°44'		110°30'	1938	1,2,3,4,5	1
Cooke City *m	10D7	7400	25	9S	14E	1937	1,2,3,4,5	2
Crevice Mountain *m	10D5	8400	22	9S	9E	1935	3,4	4
East Entrance	10E5	7000	17	52N	109W	1948	1,2,3,4,5	2
Lake Camp	10E4	7850	44°34'		110°24'	1937	1,2,3,4,5	1
Lupine Creek	10E1	7300	44°54'		110°37'	1938	1,2,3,4,5	2
Thumb Divide	10E7	7300	44°22'		110°35'	1945	2,3,4	5
Sylvan Pass	10E5	7100	12	52N	110W	1936	1,2,3,4,5	2
CLARK'S FORK								
Lodgepole	9E1	8200	32	56N	106W	1940	2,3,4,5	1,4
WIND RIVER								
Big Horn	9F12	8800	36	42N	109W	1955	2,3,4,5	1
Brooks Lake #3	10F8	9200	23	44N	110W	1939	2,3,4,5	1
Burroughs Creek	9F4	8800	15	43N	107W	1948	2,3,4,5	1
Dinwoodie	9F10	10000	9	38N	105W	1948	2,3,4,5	1
Dry Creek	9F9	9500	34	4N	105W	1948	2,3,4,5	1
DuNoir	9F6	8750	27	42N	108W	1940	2,3,4,5	1
East Fork	9F13	9200	23	44N	104W	1956	2,3,4,5	1
Geyser Creek	9F7	8500	12	41N	108W	1948	2,3,4,5	1
Little Warm	9F8	9500	24	41N	108W	1948	2,3,4,5	1
Sheridan R.S. #1 *f	9F5	7500	3	42N	109W	1939	2,3,4,5	1
Sheridan R.S. #2	9F14	7500	3	42N	109W	1955	2,3,4,5	1
T-Cross Ranch	9F3	8000	1	43N	107W	1940	2,3,4,5	1
Togwotee Pass	10F9	9600	29	44N	110W	1936	2,3,4	5
POPO AGIE RIVER								
Blue Ridge	8G2	9500	23	31N	101W	1939	2,3,4,5	1
Bruce's Camp	8G6	5500	24	32N	101W	1965	2,3,4	1
Hobbs Park	9G3	10000	22	2S	3W	1948	2,3,4,5	1
Mosquito Park R.S.	9G4	9500	23	2S	3W	1940	2,3,4,5	1
Sawmill Glade	8G1	8500	3	31N	101W	1939	2,3,4,5	1
South Pass	8G3	9000	13	30N	101W	1939	2,3,4,5	1
St.Lawrence R.S.	9F11	9000	25	1N	4W	1940	2,3,4,5	1
Trout Creek	9G2	8400	5	2S	2W	1948	2,3,4,5	1
OWL CREEK								
Beavers Mill	9F2	8900	6	43N	102W	1948	2,3,4,5	1
Owl Creek	8F1	8700	36	43N	101W	1948	2,3,4,5	1
GREYBULL RIVER								
Timber Creek #1	9E2	8800	25	47N	103W	1948	2,3,4,5	1
Timber Creek #2	9E3	8800	25	47N	103W	1955	2,3,4,5	1
Wood River #1	9F1	8000	28	46N	103W	1939	2,3,4,5	1
Wood River #2	9F15	8000	28	46N	103W	1956	2,3,4,5	1
SHOSHONE RIVER								
East Entrance	10E6	7000	17	52N	109W	1948	1,2,3,4,5	2
Sylvan Pass	10E5	7100	12	52N	110W	1936	1,2,3,4,5	2
NORWOOD CREEK								
Cold Springs Camp	7E25	8700	1	50N	88W	1956	2,3,4,5	1
Medicine Lodge Lakes	7E24	9500	7	51N	87W	1956	2,3,4,5	1
Munkers Pass *d	7E8	9700	11	48N	85W	1950	2,3,4,5	1
North Powder #2 *e	7E36	8300	20	47N	85W	1956	2,3,4,5	1
Onion Gulch	7E27	8100	31	48N	85W	1956	2,3,4,5	1
Tensleep Lake	7E26	9075	33	50N	86W	1956	2,3,4,5	1
Tensleep R.S.	7E7	8300	30	49N	86W	1935	2,3,4,5	1
Tyrell R.S.	7E35	8300	30	49N	86W	1956	2,3,4,5	1
SHELL CREEK								
Bald Mountain	7E21	9600	33	56N	91W	1956	2,3,4,5	1
Beaver-Tongue Divide	7E20	9200	12	55N	91W	1956	2,3,4,5	1
Bone-Spring Divide	7E18	9200	32	55N	89W	1956	2,3,4,5	1
Granite Creek Camp	7E22	7800	15	53N	89W	1956	2,3,4,5	1
Granite Pass	7E17	8950	19	54N	88W	1956	2,3,4,5	1
Horse-Trail Divide	7E19	9200	29	55N	90W	1956	2,3,4,5	1
Ranger Creek	7E4	8800	32	53N	88W	1935	2,3,4,5	1
Shell Creek	7E23	9600	12	52N	88W	1956	2,3,4,5	1
PORCUPINE CREEK								
Five Springs Falls	7E31	7500	19	56N	92W	1956	2,3,4,5	1
Medicine Wheel	7E30	9000	24	56N	92W	1956	2,3,4,5	1
TONGUE RIVER								
Beaver Tongue Divide	7E20	9200	12	55N	91W	1956	2,3,4,5	1
Big Goose #1	7E2	7700	4	53N	86W	1935	2,3,4,5	1
Big Goose #2	7E32	7700	4	53N	86W	1965	2,3,4,5	1
Bone-Spring Divide	7E18	9200	32	55N	89W	1956	2,3,4,5	1
Surgess R.S. #1	7E1	7900	36	56N	89W	1950	2,3,4,5	1
Surgess R.S. #2	7E33	7900	36	56N	89W	1955	2,3,4,5	1
Dome Lake #1	7E3	8800	11	53N	87W	1950	2,3,4,5	1
Dome Lake #2	7E34	8800	11	53N	87W	1950	2,3,4,5	1
Gloom Creek	7E14	9300	32	55N	87W	1956	2,3,4,5	1
Granite Pass	7E17	8950	19	54N	88W	1956	2,3,4,5	1
Horse-Trail Divide	7E19	9200	29	55N	90W	1956	2,3,4,5	1
Lake Geneva	7E16	9000	7	52N	86W	1956	2,3,4,5	1
North Tongue	7E15	8800	17	55N	89W	1956	2,3,4,5	1
Sibley Lake	7E11	8000	10	56N	88W	1956	2,3,4,5	1
Sucker Creek	7E12	9000	19	55N	87W	1956	2,3,4,5	1
Steamboat Point	7E10	7500	32	58N	87W	1956	2,3,4,5	1
Wood Rock G.S.	7E13	8500	3	54N	88W	1956	2,3,4,5	1
POWDER RIVER								
Crazy Woman	7E29	8200	8	47N	84W	1956	2,3,4,5	1
Muddy Creek G.S.	7E28	7800	2	48N	84W	1958	2,3,4,5	1
Munkers Pass *d	7E8	9700	11	48N	85W	1950	2,3,4,5	1
North Powder #2 *e	7E36	8300	20	47N	85W	1956	2,3,4,5	1
Onion Gulch	7E27	8100	31	48N	85W	1956	2,3,4,5	1
Soldier Park	7E5	8700	36	51N	85W	1950	2,3,4,5	1
Sour Dough	7E6	8500	17	49N	84W	1936	2,3,4,5	1
SWEETWATER								
Grannier Meadows #1	8G4	9000	19	30N	100W	1937	2,3,4,5	1
Grannier Meadows #2	8G5	9000	19	30N	100W	1956	2,3,4,5	1
Larsen Creek	9G6	9000	12	30N	103W	1949	2,3,4,5	1
South Pass	8G3	9000	13	30N	101W	1939	2,3,4,5	1
LARAMIE RIVER								
Brooklyn Lake #1	6H1	10200	11	16N	79W	1936	2,3,4,5	1
Brooklyn Lake #2	6H13	10200	11	16N	79W	1956	2,3,4,5	1
Deadman Hill *c	5J6	10200	26	10N	75W	1937	3,4,5	
Fox Park	6H12	9200	21	13N	76W	1936	2,3,4,5	4
Hairpin Turn #2	6H2	9500	24	16N	79W	1936	2,3,4,5	1,4
Libby Lodge #2	6H3	8700	29	16N	78W	1936	2,3,4,5	1,4
McIntyre *c	6J15	9100	35	10N	76W	1949	2,3,4,5	
Pole Mountain #2	5H1	8700	36	15N	72W	1936	2,3,4,5	1,4
Ronoh *c	6J8	9800	5	10N	77W	1940	2,3,4,5	1
CROW CREEK								
Pole Mountain #2	5H1	8700	35	15N	72W	1936	2,3,4,5	1,4
NORTH PLATTE								
Albany	5H11	9400	18	14N	78W	1949	2,3,4,5	1
Battle Creek	6H8	8200	24	14N	85W	1936	2,3,4,5	1,4
Boxelder	5G1	9000	31	30N	75W	1950	2,3,4,5	1
Casper Mountain	6G1	8700	16	32N	79W	1954	1,2,3,4,5	1
Columbine *c	6J3	9300	21	5N	82W	1936	2,3,4,5	1
Fox Park	6H12	9200	21	13N	76W	1936	2,3,4,5	4
LaBonte	5G2	8450	11	27N	74W	1949	2,3,4,5	1
North Barrett Creek#2	6H5	9400	30	16N	80W	1936	2,3,4,5	1,4
North French Creek#1	6H4	10200	27	16N	80W	1938	2,3,4,5	1,4
North French Creek#2	6H14	10200	27	16N	80W	1956	2,3,4,5	1,4
Northgate *c	6J7	8500	7	11N	79W	1950	2,3,4,5	
Old Battle	6H10	9800	29	14N	85W	1936	2,3,4,5	1,4
Park View *c	6J2	9200	24	5N	78W	1936	2,3,4,5	
Ryan Park #2	6H5	8400	34	16N	81W	1936	2,3,4,5	1,4
Spring Creek	6H7	9000	32	15N	85W	1949	2,3,4,5	1,4
Webber Spring	6H9	9000	27	14N	85W	1936	2,3,4,5	1,4
Willow Creek Pass *c	6J5	9500	1	4N	76W	1938	2,3,4,5	
CHEYENNE RIVER								
Upper Spearfish *a	3E1	6500	21	3N	1E	1944	2,3,4	4
COLORADO RIVER DRAINAGE								
GREEN RIVER								
Big Park	10G11	8700	7	27N	117W	1951	2,3,4,5	1
Blind Bull	10G2	8750	6	34N	115W	1948	2,3,4,5	1
Dutch Joe R.S.	9G5	8700	32	37N	104W	1936	2,3,4,5	1
East Rim Divide	10F17	7950	32	37N	111W	1936	1,2,3,4,5	1
Green River Lakes	9F16	8100	30	39	108W	1956	2,3,4,5	1
Gros Ventre	10F19	8750	36	40N	113W	1948	2,3,4,5	1
Hawinta R.S. *u	10J4	9500	33	3N	13E	1930	4	
Hole-in-the-Rock *u	10J1	9150	13	2N	16E	1931	4	
Kelly R.S.	10G12	8200	13	26N	116W	1951	2,3,4,5	1
Kendall R.S.	10F15	7900	23	38N	110W	1935	2,3,4,5	1
Loomis Park	10F16	8500	14	37N	111W	1936	2,3,4,5	1
Mulligan Park	9G1	8900	17	35N	108W	1936	2,3,4,5	1
Old Battle	5H10	9800	29	14N	85W	1936	2,3,4,5	1,4
Pirey-LaBarge	10G10	8820	19	29N	114W	1937	2,3,4,5	1
Poison Meadows	10G6	8500	29	30N	116W	1948	2,3,4,5	1
Snyder Basin R.S.#1	10G9	8040	15	29N	114W	1937	2,3,4,5	1
Snyder Basin R.S.#2	10G13	8040	15	29N	114W	1956	2,3,4,5	1
Soda Lake	10G14	8300	14	33N	115W	1955	2,3,4,5	1
COLUMBIA RIVER DRAINAGE								
SNAKE RIVER BASIN (Above Jackson Lake)								
Arizona	10F1	6850	3	46N	113W	1919	2,3,4	5
Aster Creek	10E8	7700	44°17'		110°37'	1919	2,3,4	5
Base Camp	10F2	6900	20	46N	113W	1947	2,3,4	5
Coulter Creek	10E10	7600	44°09'		110°33'	1919	2,3,4	2
Glade Creek	10E13	7200	44°08'		110°44'	1919	2,3,4	5
Greasy Lake	10E15	7265	6	48N	117W	1940	2,3,4,5	5
Huckleberry Divide	10E14	7300	32	48N	115W	1919	2,3,4	5
Lewis Lake Divide	10E9	7900	44°13'		110°40'	1919	2,3,4,5	5
Moran	10F4	6800	8,17	45N	114W	1919	2,3,4	5
Moran Bay	10F3	6800	14	45N	116W	1919	2,3,4	5
Snake River Station	10E12	6780	44°08'		110°40'	1919	2,3,4	5
Thumb Divide	10E7	7900	44°22'		110°35'	1951	2,3,4	5
JACKSON LAKE TO PALISADES								
Afton R.S.	10G4	6200	30	32N	116W	1936	2,3,4,5	4
Blackrock	10F7	8600	4	44N	111W	1936	2,3,4	5
Blind Bull	10G2	8750	6	34N	115W	1948	2,3,4,5	1
Bryan Flat	10F14	6250	9	38N	115W	1936	1,2,3,4,5	1
CCC Camp	10G7	7500	9	29N	118W	1936	2,3,4,5	1,4
Cottonwood Lake	10G5	7500	25	31N	118W	1936	2,3,4,5	1,4
Deadman Ranch	10G1	6534	28	35N	116W	1936	1,2,3,4,5	1
East Rim Divide	10F17	7950	32	37N	111W	1936	1,2,3,4,5	1
Four Mile Meadows	10F6	7770	35	45N	112W	1936	2,3,4,5	5
Greys Boundary	10F18	5800	33	37N	118W	1936	1,2,3,4,5	1,4
Gros Ventre	10F19	8750	36	40N	111W	1948	2,3,4,5	1
Grover Park Divide	10G3	7500	27	33N	116W	1936	1,2,3,4,5	1,4
Loomis Park	10F16	8500	14	37N	111W	1936	2,3,4,5	1
Poison Meadows	10G6	8500	29	30N	116W	1949	2,3,4,5	1
Teton Pass #2	10F13	8500	24	41N	116W	1938	1,2,3,4,5	1,4
Togwotee Pass	10F9	9600	29	44N	110W	1936	2,3,4,5	5
Turpin Meadows	10F5	6930	14	45N	112W	1936	2,3,4	5
Yellowjacket	10F10	7675	33	42N	112W	1936	2,3,4,5	4
Salt River Summit	10G8	7900	32	29N	118W	1948	2,3,4,5	1,4
Snow King Mountain#1	10F11	7800	4	40N	117W	1949	Semi No.	1
Snow King Mountain#2	10F12	7600	4	40N	117W	1954	Semi No.	1
BEAR RIVER								
Big Park	10G11	8700	7	27N	117W	1951	2,3,4,5	1
CCC Camp	10G7	7500	9	29N	118W	1936	2,3,4,5	1,4
Girl Hollow *u	11H17	8400	5	7N	5E	1951	3,4,5	
Goodman Ranch *u	10J6	7900	19	3N	10E	1937	4	
Hayden Fork *u	10J7	9300	1	1S	9E	1951	4,5	
Head of Bear River *u	10J5	8600	15	2N	10E	1935	4	
Kelly R.S.	10G12	8200	13	26N	116W	1951	2,3,4,5	1
Monte Cristo, R.S. *u	11H12	8960	3	8N	4E	1930	3,4,5	
Poison Meadows	10G6	8500	29	30N	116W	1948	2,3,4,5	1
Salt River Summit	10G8	7900	32	29N	118W	1948	2,3,4,5	1,4

a. Numerals 1,2,3,4 and 5 refer to January 1, February 1, March 1, April 1, and May 1.
b. Numerals refer to Agency that secures the snow survey, as follows:
   1. Soil Conservation Service.
   2. U. S. National Park Service.
   3. U. S. Indian Service.
   4. U. S. Forest Service.
   5. U. S. Bureau of Reclamation.
   6. U. S. Geological Service.
c. Colorado snow courses.
d. Formerly Muddy Pass.
e. North Powder #1 destroyed.
f. Sheridan Creek partially destroyed.
m. Montana snow courses.
s. South Dakota snow courses.
u. Utah snow courses.

SS-13488

WYOMING STREAM-FLOW FORECASTS MAY 1956

BASIN AND TRIBUTARY	April - September 30 Seasonal Stream-Flow in Thousands of Acre Feet				
	FORECAST RUNOFF	% 15-Yr. AVG.	Measured Runoff** 1954	1953	15-Yr. Avg. 1938-52
MADISON RIVER					
West Yellowstone (at)	236	119	219	207	198
YELLOWSTONE					
Corwin Springs(at) Mont.	2434	130	2014	1646	1870
NORTH POPO AGIE					
Milford (near)	90	109		66	83**
LITTLE POPO AGIE					
Lander (near)	58	109		36	53**
POPO AGIE RIVER					
Riverton (near)	370	107		218	345**
WIND RIVER					
Dubois (at)	140	137	105	92	102
Riverton (at)	610	119		285	511
Boysen (below) (1)	1100	117	630	618	940
Kane (at) (1)	1610	120	696	805	1344
St.Exavier (near) Mont.(1)	2440	118	1226	1096	2065
SHOSHONE RIVER					
Buffalo Bill Dam(below)(2)	1000	128		582	780
SHELL CREEK					
Shell (near)	81	110		67	74**
CLARKS FORK					
Chance (at)	708	122	600	519	580
LARAMIE RIVER					
Jelm (at)	125	120	46	64	105
Lookout (at)	90	110	8	28	82
ENCAMPMENT RIVER					
Encampment (near)	185	115			160
NORTH PLATTE RIVER					
Saratoga (at)	725	110	234	428	657
MEDICINE BOW RIVER					
Hanna (near)	122	110		60	111
SWEETWATER RIVER					
Alcova (at)	84	115		42	73
GREEN RIVER					
Warren Bridge (at)	422	127	354	307	333

WYOMING STREAM-FLOW FORECASTS MAY 1956

BASIN AND TRIBUTARY	April - September 30 Seasonal Stream-Flow in Thousands of Acre Feet				
	FORECAST RUNOFF	% 15-Yr. AVG.	Measured Runoff**		15-Yr. Avg.
			1954	1953	1938-52
NORTH PINEY CREEK					
Mason (near)	65	176	35	33	37
NEW FORK CREEK					
Boulder (near)	265	106	259	227	248
GREEN RIVER					
Fontenelle (at)	1310	141		768	931
Linwood (at) Utah	1650	127	901	957	1300
SNAKE RIVER					
Moran (at)	1190	139	1010	806	858
PACIFIC CREEK					
Moran (near)	265	160	230	164	166
BUFFALO FORK					
Moran (near)	509	143	418	336	356
GROS VENTRE					
Kelly (at)	400	153	293	218	261
HOBACK					
Jackson (near)	559	145	448	380	386
SNAKE RIVER					
State Line (at)	4200	142	3250	2702	2958
SALT RIVER					
State Line (at)	407	113	287	282	360
BEAR RIVER					
Evanston (near)	120	85	55	113	142
Randolph (near)	88	76	15	67	116*
Harer (at) Idaho	245	87	100	184	281
SMITHS FORK					
Border (near)	123	108	89	99	114*
TONGUE RIVER					
Acme (at)	325	136		200	239
Decker (at) Mont.	330	140	111	190	236

(1) Observed flow corrected for storage in Boysen, Bull Lake and Pilot Butte Reservoirs.
(2) Observed flow corrected for storage in Buffalo Bill Reservoir.
* Less than 15.
** Estimated for 1938-52 average.

COOPERATIVE SNOW SURVEYS
Summary of Snow Measurements

May 1, 1956

WATERSHEDS	NO. OF COURSES AVERAGED	YEARS USED 1938-1952	1956 SNOW WATER EXPRESSED AS PERCENTAGE OF 1955	1954	1938-1952 Average
Madison River - Yellowstone Park	2	15	100	136	159
Upper Yellowstone-Yellowstone Park	3	9-11	132	137	157
Lower Yellowstone-Clark's Fork	1	15	174	136	174
Lower Yellowstone-Wind River	3	12-15	160	130	165
Lower Yellowstone-Popo Agie River	5	8-15	137	134	118
Lower Yellowstone-Owl Creek	1	7	117	89	92
Lower Yellowstone-Greybull River	1	13	152	109	88
Lower Yellowstone-Shoshone River	1	15	144		148
Lower Yellowstone-Nowood Creek	2	6-15	94	137	119
Lower Yellowstone-Shell Creek	1	15	99	139	130
Lower Yellowstone-Tongue River	2	6-15	115	72	130
Lower Yellowstone-Powder River	3	6-15	187	202	194
North Platte-Sweetwater River	2	13-15	131	109	124
North Platte-Laramie River	7	13-15	172	189	111
North Platte-Crow Creek	1	15	0	0	0
North Platte-Above Seminoe Reservoir	11	15	143	177	104
Upper Colorado-Green River	8	10-15	180	155	130
Snake River Above Jackson Lake	1	15	115	138	146
Jackson Lake to Palisades	4	8-15	116	104	132

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1956

DRAINAGE BASIN and SNOW COURSE	No. or State	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prev. Yrs. of Record
MADISON RIVER - YELLOWSTONE PARK									
Norris Basin	10E2	7500	5/2	18	5.7	8.2	6.4		4
21Mile[m]	11E6	7150	4/29	41	17.7	15.0	14.4	11.2	22
West Yellowstone[m]	11E7	6700	4/29	15	5.7	8.4	2.8	3.5	22
UPPER YELLOWSTONE - YELLOWSTONE PARK									
Canyon	10E3	7750	4/30	47	17.4	14.5	13.3	11.6**	9
Cooke City[m]	10D7	7400	5/1	20	6.8	6.6	7.4	5.5**	11
East Entrance	10E6	7000	4/29	9	2.2	1.3	NR		2
Lake Camp	10E4	7850	4/30	41	15.2	8.8	8.1	8.0**	10
Lupine Creek	10E1	7300	5/2	27	9.4	10.5	9.5		6
LOWER YELLOWSTONE - CLARK'S FORK									
Lodgepole	9E1	8200	5/1	51	16.0	9.2	11.8	9.2**	17
LOWER YELLOWSTONE - WIND RIVER									
Big Warm	9F12	8800	4/25	43	13.3	8.4			1
Brooks Lake	10F8	9200	4/25	92	37.1	27.9	32.3	25.6	20
Burroughs Creek	9F4	8800	4/27	64	23.5	9.4	16.7	16.2**	7
Dinwoodie	9F10	10000	4/28	64	21.8	11.9	16.9	15.0**	7
Dry Creek	9F9	9500	4/28	39	11.2	5.7	8.6	8.0**	7
DuNoir	9F6	8750	4/25	43	14.0	6.9	8.3	6.9**	14
Geyser Creek	9F7	8500	4/26	34	11.4	7.1	6.5	5.1**	7
Little Warm	9F8	9500	4/26	83	28.7	19.2	23.3	22.4**	7
Sheridan R.S.#2	9F14	7500	4/25	31	9.7	2.5			1
T-Cross Ranch	9F3	8000	4/27	27	9.0	2.7	5.8	3.9**	13
Togwotee Pass	10F9	9600	4/30	107	47.4	30.6	37.0	33.5**	7
LOWER YELLOWSTONE - POPO AGIE RIVER									
Blue Ridge	8G2	9500	5/2	39	15.6	11.0	12.3	12.7**	16
Burce's Camp	8G5	6500	5/2	0	0.0				
Hobbs Park	9G3	10000	4/30	69	27.3	19.0	22.6	26.1**	7
Mosquito Park R.S.	9G4	9500	4/30	29	9.7	8.0	7.4	7.6**	11
Sawmill Glade	8G1	8500	5/2	13	4.3	3.2	2.0	7.2**	16

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1956

DRAINAGE BASIN and SNOW COURSE	No. or State	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prev. Yrs. of Record
LOWER YELLOWSTONE - POPO AGIE RIVER (Con't.)									
South Pass	8G3	9500	5/2	44	19.9	14.0	16.8	14.8**	16
St.LawrenceR.S.	9F11	9000	4/29	33	9.4	6.9	5.4	7.8**	12
Trout Creek	9G2	8400	4/30	0	0.0	0.8	0.0	2.5**	7
LOWER YELLOWSTONE - OWL CREEK									
Beavers Mill	9F2	8900			NR	5.1	8.7	6.3**	7
Owl Creek	8F1	8700	4/30	27	6.8	5.8	7.6	7.6** /	7
LOWER YELLOWSTONE - GREYBULL RIVER									
Timber Creek #1	9E2	8800	5/1	23	6.5	2.8	3.1		5
Timber Creek #2	9E3	8300	5/1	11	3.0	0.0			1
Wood River #1	9F1	8000	5/2	13	3.5	2.3	3.2	4.0**	16
LOWER YELLOWSTONE - SHOSHONE RIVER									
East Entrance	10E6	7000	4/29	9	2.2	1.3	NR		2
Sylvan Pass	10E5	7100	4/29	34	13.0	9.0	NR	8.8**	15
LOWER YELLOWSTONE - NOWOOD CREEK									
Cold Springs Camp	7E25	8700	5/1	30	6.6				
MedicineLodgeLake	7E24	9500	5/1	46	10.8				
Munkres Pass[d]	7E8	9700	4/29	45	12.4	9.6	7.8	8.6**	6/
NorthPowder #2[e]	7E36	8300	4/28	32	9.1				
Onion Gulch	7E27	8100	4/29	29	7.3				
Tensleep Lake	7E26	9075	4/30	43	11.3				
Tensleep R.S.	7E7	8300	4/30	13	3.2	7.0	3.6	4.5	20
LOWER YELLOWSTONE - SHELL CREEK									
Bald Mountain	7E21	9600	4/16	68	24.2				
Beaver-TongueDiv.	7E20	9200	4/17	66	23.6				
Bone-SpringDiv.	7E18	9200	4/19	59	20.8				

d. Formerly Muddy Pass
e. North Powder #1 destroyed
/ All past years of record

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1956

DRAINAGE BASIN and SNOW COURSE	No. or State	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record Water Content (In.) 1955	1954	Avg.	Prev. 1938-52 Yrs. of Record
LOWER YELLOWSTONE - SHELL CREEK (Con't.)									
Granite Cr. Camp	7E33	7800	5/2	0	0.0				
Granite Pass	7E17	8950	4/19	60	21.2				
Horse-Trail Div.	7E19	9200	4/17	60	19.6				
Ranger Creek	7E4	8800	5/2	26	8.2	8.3	5.9	6.3**	19
Shell Creek	7E23	9600	5/2	61	17.9				
LOWER YELLOWSTONE - PORCUPINE CREEK									
Five Springs Falls	7E31	7500	5/3	13	4.6				
Medicine Wheel	7E30	9000	4/17	49	15.5				
LOWER YELLOWSTONE - TONGUE RIVER									
Beaver-Tongue Div.	7E20	9200	4/17	66	23.6				
Big Goose #1	7E2	7700	4/22	17	4.4	2.2	1.1	2.6	19
Big Goose #2	7E32	7700	4/22	34	9.9	7.8			1
Bone-Spring Div.	7E18	9200	4/19	59	20.8				
Burgess R.S. #1	7E1	7900	4/18	31	8.2	9.2	20.9	14.2**	6 _/
Burgess R.S. #2	7E33	7900	4/18	31	8.7	9.1			1
Dome Lake #1	7E3	8800	4/21	32	9.6	7.9	8.9	8.6**	7 _/
Dome Lake #2	7E34	8800	4/21	44	14.2				
Gloom Creek	7E14	9300	4/20	54	17.3				
Granite Pass	7E17	8950	4/19	60	21.2				
Horse-Trail Div.	7E19	9200	4/17	60	19.6				
Lake Geneva	7E16	9000	4/23	38	10.0				
North Tongue	7E15	8800	4/18	46	13.9				
Sibley Lake	7E11	8000	4/16	40	10.4				
Sucker Creek	7E12	9000	4/20	44	13.8				
Steamboat Point	7E10	7500	4/20	32	9.8				
Wood Rock G.S.	7E13	8500	4/19	43	13.7				
LOWER YELLOWSTONE - POWDER RIVER									
Muddy Cr. G.S.	7E28	7800	4/29	15	5.1				
Munkres Pass[d]	7E8	9700	4/29	45	12.4	9.6	7.8	8.6**	6 _/

d. Formerly Muddy Pass
_/ All past years of record

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1956

DRAINAGE BASIN and SNOW COURSE	No. or State	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prev. Yrs. of Record
LOWER YELLOWSTONE - POWDER RIVER (Con't.)									
North Powder #2[e]	7E36	8300	4/28	32	9.1				
Onion Gulch	7E27	8100	4/29	29	7.3				
Soldier Park	7E5	8700	4/25	36	11.0	4.5	3.6	4.2**	6/
Sour Dough	7E6	8500	4/26	38	10.8	4.2	5.5	4.8	19
NORTH PLATTE - SWEETWATER									
Grannier Meadows #1	8G4	9000	5/2	39	15.7	13.1	16.0	13.9	19
Larsen Creek	9G6	9000	5/3	27	10.6	1.7	0.0		6
South Pass	8G3	9000	5/2	44	19.9	14.0	16.8	14.8**	16
NORTH PLATTE - LARAMIE RIVER									
Brooklyn Lake #1	6H1	10200	4/29	63	27.8	17.5	18.0	23.6	20
Brooklyn Lake #2	6H13	10200	4/29	59	26.4				
Deadman Hill[c]	5J6	10200	4/30	65	24.2	14.6	11.2	17.6	17
Fox Park	6H12	9200	4/29	14	3.9	0.0	0.0	7.5	20
Hairpin Turn #2	6H2	9500	4/29	36	13.1	6.8	6.6	11.4	20
Libby Lodge #2	6H3	8700	4/29	18	6.3	3.6	1.5	6.8	20
McIntyre[c]	5J15	9100	5/2	38	12.6	6.1	4.4	12.0**	7
Pole Mtn. # 2	5H1	8700	5/1	0	0.0	0.4	0.4	3.4**	13
Roach[c]	6J8	9800	4/28	67	25.8	16.2	15.7	21.1**	15
NORTH PLATTE - CROW CREEK									
Pole Mtn. #2	5H1	8700	5/1	0	0.0	0.0	0.4	3.4**	13
NORTH PLATTE - ABOVE SEMINOE RESERVOIR									
Albany	6H11	9400	4/28	30	12.0	4.0	2.0	13.9**	7
Bottle Creek	6H8	8200	4/27	25	11.0	10.0	7.0	9.2	20
Boxelder	5G1	9000	4/30	5	1.4	6.2	1.4		6
Cameron Pass[c]	5J1	10300	4/27	88	38.9	16.9	17.5	24.3	20
Casper Mtn.	6G1	8700	5/1	38	9.8	15.2			1
Columbine[c]	6J3	9300	4/30	48	23.2	19.3	8.7	20.6	20

e. North Powder # 1 destroyed

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1956

DRAINAGE BASIN and SNOW COURSE	No. or State	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	1956 Snow Depth (In.)	1956 Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prev. Yrs. of Record
Fox Park	6H12	9200	4/29	14	3.9	0.0	0.0	7.5	20
LaBonte	5G2	8450	4/30	0	0.0	0.0	NR	0.0	4
North BarrettCr.	6H5	9400	4/26	47	19.3	16.9	14.9	21.7	20
North French Cr.	6H4	10200	4/26	74	33.0	26.3	26.5	33.4	18
Northgate[c]	6J7	8500	4/30	9	2.1	0.0	0.0		6
Old Battle	6H10	9800	4/27	73	33.8	25.9	24.2	33.7	20
Park View[c]	6J2	9200	4/30	24	6.2	1.5	0.8	7.9	20
Ryan Park	6H6	8400	4/28	12	4.2	7.8	3.2	7.9	20
Spring Creek	6H7	9000	4/27	31	13.2	12.8	8.2	18.0**	7
Webber Spring	6H9	9000	4/27	34	15.4	13.0	9.0	16.4	20
Willow Cr. Pass[c]	6J5	9500	4/30	39	14.2	4.2	2.7	13.5	18
UPPER COLORADO - GREEN RIVER									
Big Park	10G11	8700	5/3	51	23.3	18.3	19.4		4
Dutch Joe R.S.	9G5	8700	4/26	15	4.9	1.9	0.9	4.2**	19
East Rim Div.	10F17	7950	4/30	34	12.1	8.1	10.7	10.5**	10
Green River Lake	9F16	8100	4/24	20	6.4				
Gros Ventre Summit	10F19	8750	4/25	44	17.0				
Kelly R.S.	10G12	8200	5/3	39	18.0				
Kendall R.S.	10F15	7900	4/24	30	11.8	3.4	2.2	6.1	20
Loomis Park	10F16	8500	4/23	45	20.2	12.8	17.3	10.3	20
Mulligan Park	9G1	8900	4/23	22	8.4	6.0	8.5	6.5	20
*Old Battle	6H10	9800	4/27	73	33.8	25.9	24.2	33.7	20
Piney-LaBarge	10G10	8820	4/30	39	18.6	6.6	7.9	14.0	20
Poison Meadows	10G6	8500	4/30	89	40.0				
SnyderBasinR.S.#1	10G9	8040	4/30	27	11.9	2.9	7.0	8.5	20
SnyderBasinR.S.#2	10G13	8040	4/30	28	12.6	7.0			1
Soda Lake	10G14	8300	4/27	46	20.7	12.9			1
Triple Peaks	10G15	8500	4/27	71	35.7				
SNAKE RIVER - ABOVE JACKSON LAKE									
Astor Creek	10E8	7700	4/30	93	45.0				
Glade Creek	10E13	7200	4/30	70	32.1				
*Grassy Lake	10E15	7265	4/30	85	42.0	36.4	30.5	28.8**	16
LewisLakeDiv.	10E9	7900	4/30	121	63.9				

* Not located directly on this drainage

WYOMING SNOW SURVEYS - ABOUT MAY 1, 1956

DRAINAGE BASIN and SNOW COURSE	No. or State	Elev.	SNOW COVER MEASUREMENTS 1956 Date of Survey	Snow Depth (In.)	Water Content (In.)	Past Record Water Content (In.) 1955	1954	1938-52 Avg.	Prev. Yrs. of Record
JACKSON LAKE TO PALISADES									
Afton R.S.	10G4	6200	4/30	0	0.0				
Bryan Flat	10F14	6250	4/30	0	0.0	3.0	0.0	3.0**	9
CCC Camp	10G7	7500	4/30		Trace	7.5	2.7		6
East Rim Div.	10F17	7950	4/30	34	12.1	8.1	10.7	10.5**	10
Greys Boundary	10F18	5800	4/30	0	0.0	4.0	NR	0.7**	11
GrosVentreSummit	10F19	8750	4/25	44	17.0				
Grover Park Div.	10G3	7500	4/30		Trace	7.8	3.1		6
Loomis Park	10F16	8500	4/23	45	20.2	12.8	17.3	10.3	20
Poison Meadows	10G6	8500	4/30	89	40.0				
SaltRiver Summit	10G8	7900	4/30	16	6.9	9.9	8.1		3
Snow King Mtn. #1	10F11	7600	5/1	42	15.1	7.9	10.4		5
Snow King Mtn. #2	10F12	7600	5/1	25	8.6	6.4	3.1		2
Teton Pass #2	10F13	8500	4/30	117	53.9	35.2	40.4	41.2**	7
Togwotee Pass	10F9	9600	4/30	107	47.4	30.6	37.0	33.5**	7
Yellowjacket	10F10	7675							
BEAR RIVER									
Big Park	10G11	8700	5/3	51	23.3	18.3	19.4		4
CCC Camp	10G7	7500	4/30		Trace	7.5	2.7		6
Kelly R.S.	10G12	8200	5/3	39	18.0				
Poison Meadows	10G6	8500	4/30	89	40.0				
Salt River Summit	10G8	7900	4/30	16	6.9	9.9	8.1		3

** Average is for less than 15 years of record in the 1938-52 period.
c. Colorado snow courses
m. Montana snow courses

STATUS OF WYOMING AND SOUTH DAKOTA RESERVOIR STORAGE - MAY 1, 1956

BASIN and/or STREAM	RESERVOIR	USABLE CAPACITY 1000s AF	USABLE STORAGE - 1000 ACRE FEET 1956	1955	1954	15-Yr.Avg. 1938-52
Snake River	Jackson	847.0	258.5	502.6	450.0	502.7
North Platte	Seminoe	981.8	228.7	333.9	235.7	387.6*
North Platte	Pathfinder	1011.0	544.4	508.2	913.0	508.4*
North Platte	Alcova**	190.5	21.6	274.8	266.8	132.9
North Platte	Guernsey	39.8	10.1	25.8	38.8	35.9
North Platte	Southerland	185.0	52.8			
North Platte	Kingsley	1995.0	923.4			
North Platte	Lake Alice & Linatare	68.0	37.7			
Kansas Basin	Box Butte	31.6			20.5	25.2*
Kansas Basin	Bonny	39.9	40.5	38.7	39.2	17.1*
Kansas Basin	Swanson Lake	116.1	67.2	40.8	25.4	
Kansas Basin	Enders	36.0	43.4	34.3	34.4	19.9*
Kansas Basin	Harry Strunk	33.9	32.8	32.5	30.2	27.4*
Kansas Basin	Harlan County	252.9	196.8	97.9	66.7	
Kansas Basin	Cedar Bluff	176.8	125.4	87.2	100.3	72.0*
Laramie River	Wheatland	95.0	No Report			
Belle Fourche	Belle Fourche	185.2	119.0	101.7	136.4	132.4*
Belle Fourche	Keyhole	190.3	15.9	32.1	8.4	0.5*
Shoshone River	Buffalo Bill	439.8	130.4	119.3	156.4	266.6
Wind River	Boysen	560.0	0.0	216.1	360.3	233.4*
Wind River	Pilot Butte	31.6	27.3	29.4	25.3	20.9*
Wind River	Bull Lake	152.0	51.9	61.1	62.3	48.6*
Cheyenne River	Angostura	92.0	74.4	89.8	34.2	33.6*
Cheyenne River	Deerfield	15.1	11.3	12.1	15.1	14.2*
Grand River	Shadehill	84.0	82.7	79.7	83.3	118.8*
Green River	Big Sandy	38.3	12.2	12.8	11.1	

* Average is for less than 15 years of record in the 1938-52 period.

** Alcova, downstream from Seminoe and Pathfinder and containing 160,170 acre feet of active storage that is unavailable to the Kendrick Project.

The data included in this report were obtained by the Soil Conservation Service in cooperation with the agencies named below:

FEDERAL

U. S. Department of Agriculture
Forest Service

U. S. Department of Commerce
Weather Bureau

U. S. Department of the Interior
Bureau of Reclamation
National Park Service
Geological Survey

STATE

State Engineer of Wyoming

PRIVATE

Wheatland Irrigation District

Federal - State - Private

COOPERATIVE SNOW SURVEYS

Furnishes the basic data necessary for forecasting water supply for irrigation, domestic and municipal water supply, hydro-electric power generation, navigation, mining and industry

"WATER IS THE WEST'S GREATEST RESOURCE"